

## Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>KANSAS, Southeast</b>				
(KS-Z032) RUSSELL, (KS-Z033) LINCOLN, (KS-Z047) BARTON, (KS-Z048) ELLSWORTH, (KS-Z049) SALINE, (KS-Z050) RICE, (KS-Z051) MCPHERSON, (KS-Z052) MARION, (KS-Z067) RENO, (KS-Z068) HARVEY, (KS-Z082) KINGMAN				
	12/14/07 04:32 CST		0	Heavy Snow
	12/15/07 11:03 CST		0	
A strong storm system moved out of the rockies into the Southern plains. Moisture ahead and northy of this system lead to a large swath of heavy snowfall across Central Kansas...with areas northwest of the Kansas turnpike receiving 6 to 12 inches. The heaviest snowfall amounts occured over Barton, Russell and Lincoln counties. The heavy snowfall hampered clean up efforts from the Ice storm that occurred earlier in the month, hitting the same area.				
<b>(KS-Z096) NEOSHO</b>				
	12/08/07 19:00 CST		0	Winter Weather
	12/09/07 10:33 CST		0	
<b>(KS-Z071) WOODSON, (KS-Z072) ALLEN, (KS-Z095) WILSON, (KS-Z096) NEOSHO, (KS-Z099) MONTGOMERY, (KS-Z100) LABETTE</b>				
	12/09/07 10:33 CST		0	Ice Storm
	12/10/07 23:00 CST		0	
An arctic high pressure was moving south into the Midwest the morning of December 9th which undercut warm moist conditions aloft. This setup resulted in a prolonged period, roughly 24 hours, of freezing rain and sleet. The hardest hit areas were Montgomery and Labette Counties where at least half an inch to one inch of ice accumulated. This resulted in numerous locations losing power.				
(KS-Z032) RUSSELL, (KS-Z033) LINCOLN, (KS-Z047) BARTON, (KS-Z048) ELLSWORTH, (KS-Z049) SALINE, (KS-Z050) RICE, (KS-Z051) MCPHERSON, (KS-Z052) MARION, (KS-Z053) CHASE, (KS-Z067) RENO, (KS-Z068) HARVEY, (KS-Z069) BUTLER, (KS-Z070) GREENWOOD, (KS-Z082) KINGMAN, (KS-Z083) SEDGWICK, (KS-Z093) COWLEY				
	12/10/07 20:10 CST		0.15B	Ice Storm
	12/11/07 14:19 CST		0	
A devastating freezing rain event unfolded across parts of Southern and Central Kansas from December 10th through the 11th. At the same time an Arctic air mass was moving south into the Central Plains, a mid and upper level storm system was spinning in the Four Corners area. This storm system allowed for very warm and very moist conditions to override the Arctic air. The result was a very large swath of freezing rain that in some areas approached two inches thick. The weight of the ice encrusting everything, which adds nearly 2 tons of weight to a typical line span, resulted in thousands of downed power poles and tens of thousands of downed power lines. This naturally resulted in tens of thousands of Central and Southern Kansas residents losing power, some for more than a week. Some estimates place the number without power at one point was nearly 200 thousand across the state. An unknown number of trees were damaged or destroyed in the ice storm with some cities reporting more 80 percent of trees sustaining some form of damage. Damage to just the electric infrastructure will likely top \$100 million. Damage to trees could add millions more to the final tally.				
<b>(KS-Z052) MARION, (KS-Z053) CHASE, (KS-Z068) HARVEY, (KS-Z069) BUTLER, (KS-Z083) SEDGWICK, (KS-Z091) HARPER, (KS-Z092) SUMNER, (KS-Z093) COWLEY</b>				
	12/22/07 09:00 CST		0	Winter Storm
	12/22/07 19:00 CST		0	
A powerful area of low pressure brought heavy snow and near blizzard conditions to portions of central, south-central and southeast Kansas on December 22nd. Heavy snow began to fall across the area between 0700 and 1000 CST. The heavy snow spread east and northeast as the day progressed, before coming to an end between 1600-1800 CST. A swath of 6 to 9 inches of snow accumulated, generally along the Kansas Turnpike corridor. The heavy snow in concert with 25 to 40 mph winds reduced visibilities to less than one-quarter mile for several hours across the area, and in fact near whiteout conditions were periodically reported. Numerous traffic accidents and slide-offs occurred, and flights at the Wichita Mid-Continent Airport were either delayed or canceled.				
<b>(KS-Z032) RUSSELL</b>				
	12/08/07 04:11 CST		0	Winter Weather
	12/09/07 12:00 CST		0	
An arctic high pressure moved into the Midwest resulting in pockets of freezing drizzle across Central Kansas. There was not a lot of accumulation of ice but roads become hazardous enough to cause one fatality accident.				
<b>(KS-Z067) RENO, (KS-Z083) SEDGWICK</b>				

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	12/06/07 06:30 CST		0	Winter Weather
	12/06/07 12:00 CST		0	

Pockets of freezing drizzle or light freezing rain caused numerous accidents across South Central Kansas. Most of the precipitation occurred just prior to rush hour. This resulted in hundreds of accidents in Reno and especially Sedgwick County. There was one fatality accident reported in Reno County.